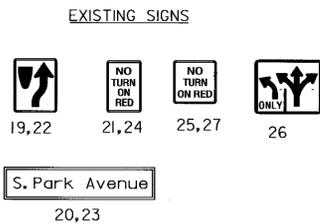
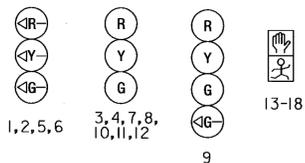


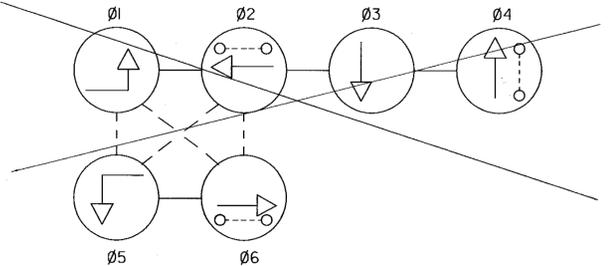
MD 355 IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION



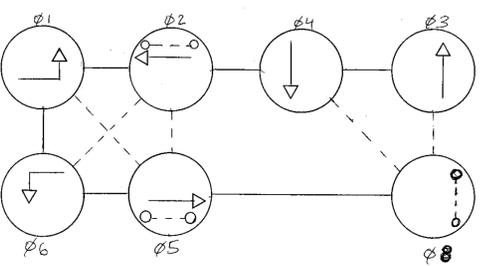
EXISTING TRAFFIC SIGNAL HEADS



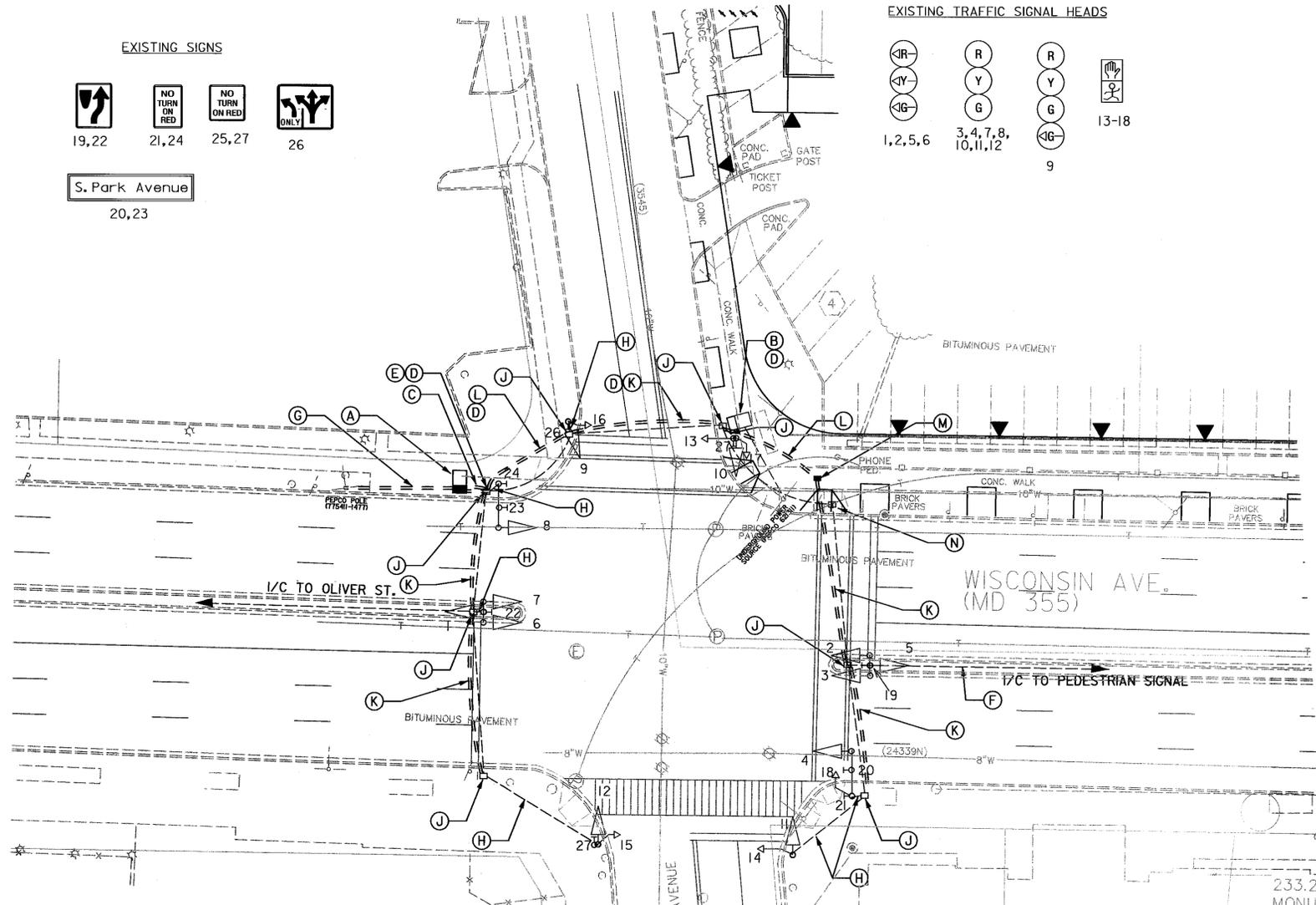
EXISTING NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



REVISED EXISTING PHASING SUBMITTED BY MONTGOMERY COUNTY.



CONSTRUCTION DETAILS

- A. Install a NEMA size "6" ground mounted controller cabinet with electrical utility service equipment and all necessary auxiliary equipment. (Note: 2-4" and 2-2" 90 degree PVC schedule 80 conduit bends). Pull all proposed electrical cables into the controller cabinet and properly tag/label each cable. All internal wiring shall be conducted by SHA/Montgomery County forces.
- B. Remove existing controller, foundation, and all associated hardware.
- C. Install 2-4" schedule 80 PVC conduits.
- D. Disconnect existing South Park Avenue to Oliver Street interconnect cable from existing controller. Pull back to handhole and re-pull to new controller, shown. (SHA/Montgomery County forces to conduct all controller connections).
- E. Intercept existing handhole with new conduit.
- F. Install new interconnect cable to controller at pedestrian signal. (Controller to controller distance approximately 500 feet).
- G. Install 4" schedule 80 PVC conduit (trenched) (for power)
- H. Use existing conduit (from handhole to pole).
- J. Use existing handhole
- K. Install 4" schedule 80 PVC conduit (slotted).
- L. Install 3" schedule 80 PVC conduit (trenched).
- M. Install handhole.
- N. Remove existing handhole cap and abandon existing conduit.

GENERAL NOTES

- 1. ALL EXISTING EQUIPMENT, CONDUITS, AND HANDHOLES SHALL BE MAINTAINED AND REUSED, UNLESS OTHERWISE SHOWN.
- 2. THE CONTRACTOR IS TO MAINTAIN THE EXISTING SIGNAL OPERATION DURING CONSTRUCTION AND UNTIL SUCH TIME AS DIRECTED TO ACTIVATE THE NEW CONTROLLER BY SHA/MONTGOMERY COUNTY FORCES.
- 3. ALL EXISTING CONDUITS, NOT SHOWN FOR REUSE ARE TO BE ABANDONED. REMOVE ALL EXISTING CABLES FROM CONDUITS.
- 4. EXISTING HANDHOLES DAMAGED AS A RESULT OF NEW CONDUIT INSTALLATION SHALL BE REPLACED AS DIRECTED BY THE ENGINEER IN THE FIELD.
- 5. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
- 6. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

UTILITY LEGEND

— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— E —	ELECTRIC CABLES
— A —	AERIAL CABLES
— T —	TELEPHONE CABLES

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REVISIONS	APPROVALS
	ORIGINAL
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ON
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	FILE
	CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
 Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
 TRAFFIC SIGNAL MODIFICATION PLAN
 WISCONSIN AVE. (MD 355) & SOUTH PARK AVE.

DRAWN BY: TEL	F.A.P. NO. N/A	TS NO. 2688 B	SHEET NO.
CHECKED BY: JCR	S.H.A. NO. N/A	T.I.M.S. NO. G356	1 OF 2
SCALE: 1" = 20'	COUNTY: MONTGOMERY	LOG MILE: 15035500.20	
DATE: 3/1/1983			